



Payload 2 Daily Flight Report



Date: 2025-07-11

Flight Campaign ID: P2C1

Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK; -

Aircraft: N615AR

Domain: 18 (Tundra)

Sites Flown: None

Days left in Domain: 25

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Alyssa

Hours until maintenance: 82.63

Pilots: Vince, Manning

Summary

No flights were conducted today due to low ceilings in Deadhorse and a lack of green conditions at OKSR. It was determined that BARR has still not reached peak greenness.

Concerns

None.

Comments

Nick arrived in D18 this morning - welcome Nick! He brought USB3.0 drives which will be used to collect RiAcquire data, freeing up the working drive bay in the IX Controller for Camera data.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (*)

D18 | BARR_P1 (Barrow Environmental Observatory Priority 1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					

Flown: 100% (35/35)

Green: 100% (35/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

* Flown within 35deg solar angle

D18|BARR_P2 (Barrow Environmental Observatory Priority 2)

36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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Flown: 47% (7/15)
Green: 47% (7/15)
Yellow: 0% (0/15)
Red: 0% (0/15)
* Flown within 35deg solar angle

D18|BARR_P3 (Barrow Environmental Observatory Priority 3)

51	52	53	54
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Flown: 0% (0/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 0% (0/4)
* Flown within 35deg solar angle

D18|OKSR (Oksrukuyik Creek)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 43% (9/21)
Green: 43% (9/21)
Yellow: 0% (0/21)
Red: 0% (0/21)
* Flown within 35deg solar angle

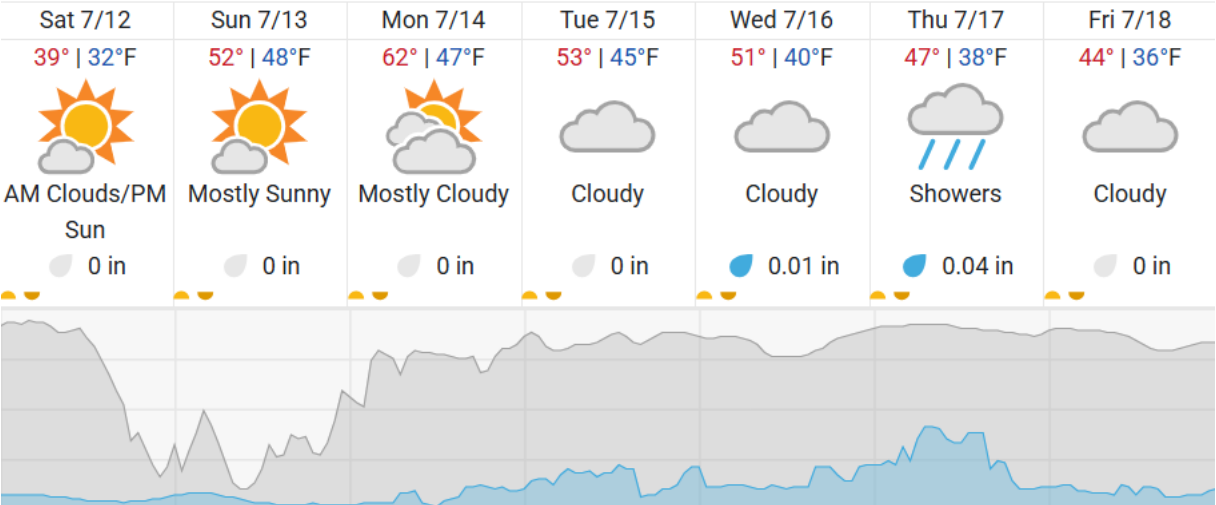
D18|TOOL (Toolik)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51									

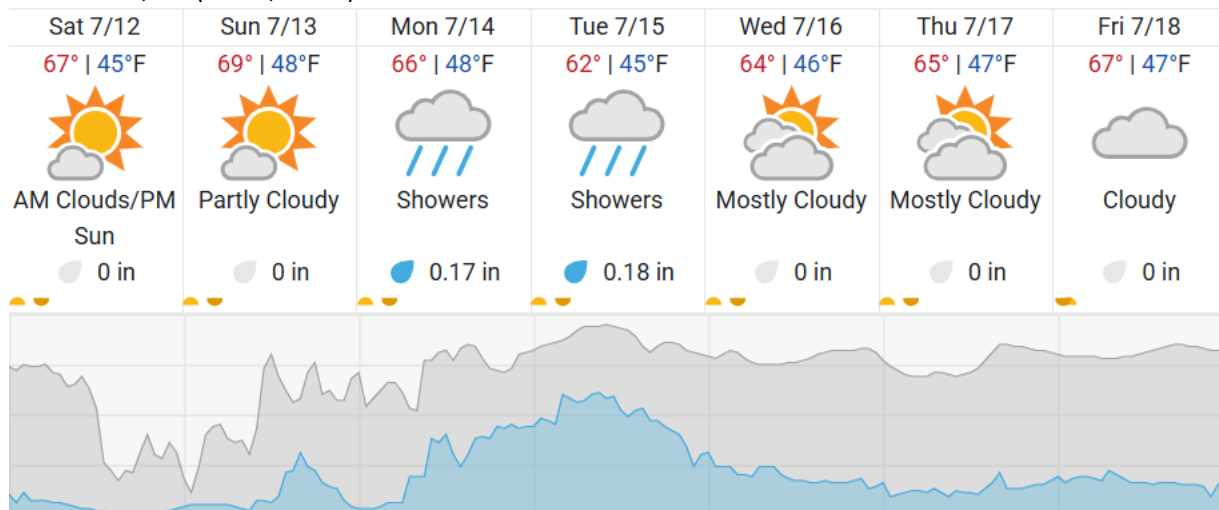
Flown: 98% (50/51)
Green: 98% (50/51)
Yellow: 0% (0/51)
Red: 0% (0/51)
* Flown within 35deg solar angle

Weather

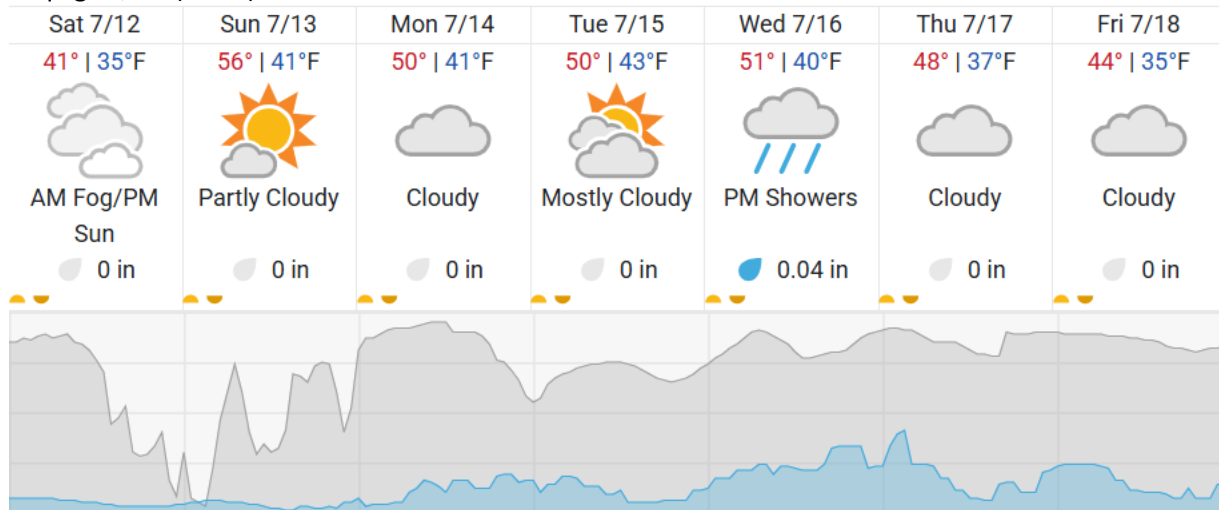
Prudhoe Bay, AK (FBO-PASC)



Toolik Lake, AK (TOOL, OKSR)



Utqiagvik, AK (BARR)



source: wunderground.com

Flight Collection Plan for 12 July 2025

Flyority 1

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box (*once in peak greenness*)

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v6_VQ780

On-Station Time: (35 degrees): 1930 UTC / 1130 L

Flyority 2

Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box

Flight Plan Name: D18_BARR_R1_P2_v5_Q780.pln

On-Station Time: (35 degrees): 1930 UTC / 1130 L

Flyority 3

Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box

Flight Plan Name: D18_BARR_R1_P3_v5_Q780.pln

On-Station Time: (35 degrees): 1930 UTC / 1130 L

Flyority 4

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v3_VQ780

On-Station Time: (35 degrees): 1840 UTC / 1040 L

Crew: Alyssa (Lidar), Nick (NIS)